

CLAIMS

1. A loose-lay floor tile which has on a back face a nonskid backing material obtained by solidifying a paste sol comprising a plasticizer and at
5 least one polyvinyl chloride-based resin selected from the group consisting of a polyvinyl chloride, a copolymer of vinyl chloride and vinyl acetate and a mixture of polyvinyl chloride and polyvinyl acetate.

2. A loose-lay floor tile according to Claim 1, wherein the paste sol
10 further comprises a foam stabilizer of a hydrophobic type, and a foamed material obtained by mechanically foaming and then solidifying the paste sol is disposed on the back face of the tile.

3. A loose-lay floor tile according to Claims 1 or 2, wherein the polyvinyl
15 chloride-based resin is a copolymer of vinyl chloride and vinyl acetate which comprises about 3 to 10% by mole of vinyl acetate as a monomer unit.

4. A loose-lay floor tile according to Claims 1 or 2, wherein the polyvinyl
20 chloride-based resin is a mixture of polyvinyl chloride and polyvinyl acetate comprising about 1.5 to 5% by weight of polyvinyl acetate.

5. A loose-lay floor tile according to any one of Claims 1 to 4, wherein the plasticizer is a phthalic acid-based plasticizer.

25 6. A loose-lay floor tile according to Claim 5, wherein a content of the

phthalic acid-based plasticizer is about 50 to 200 parts by weight per 100 parts by weight of the polyvinyl chloride-based resin.

7. A loose-lay floor tile according to Claim 2, wherein the foamed
5 material has an expansion rate of about 1.5 to 4.